Storm Data and Unusual Weather Phenomena - September 2010

CASS COUNTY ARENZVILLE [38.87, -90.37] 09/02/10 14.20 CST	ocation	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OBRIGNITION	LLINOIS, Central				
O98/02/10 14:21 CST 0 Source: Public CASS COUNTY — 2:1 S PHILADELPHIA [39.89, 49.12] O98/02/10 14:47 CST 0 Hall (1:00 in) O98/02/10 14:48 CST 0 Source: Mesonet CASS COUNTY — 1:8 S VIRGINIA [39.92, 49.22], 5:3 S VIRGINIA [39.87, 49.23], 1.4 ESE ASHLAND [39.87, 49.99], 5:2 ENE GURNEY [39.96, 49.00] O98/02/10 15:30 CST 0 Source: Mesonet CASS COUNTY — 1:8 S VIRGINIA [39.92, 49.22], 5:3 S VIRGINIA [39.87, 49.23], 1.4 ESE ASHLAND [39.87, 49.99], 5:2 ENE GURNEY [39.96, 49.00] O98/02/10 15:30 CST 0 Source: Mesonet Heavy rainfall rates of 2:00 to 2:50° per hour for nearity 90 minutes resulted in flash flooding across southern Cass County. Most rural roads were impassable due to the heavy rain. SANGAMON COUNTY — 0:7 NW SOUTHLAWN [39.76, 49.81] O98/02/10 15:50 CST 30K Thunderstorn Wind (EG 52 kt) O98/02/10 15:50 CST 30K Thunderstorn Wind (EG 52 kt) Several large trees were snapped near 1:55 and Stevenson Drive. A tree was blown onto a house on East Lake Shore Drive. MENARD COUNTY — 4:0 WWW TALLULA [39.96, -90.00], 1.8 ENE TICE [39.99, -89.77], 3.9 SSW ATHENS [39.90, -89.77], 3.9 WSW TALLULA [39.96, -90.00], 1.8 ENE TICE [39.99, -89.77], 3.9 SSW ATHENS [39.90, -89.77], 3.9 WSW TALLULA [39.96, -90.00], 1.8 ENE TICE [39.99, -89.77], 3.9 SSW ATHENS [39.90, -89.77], 3.9 WSW TALLULA [39.96, -90.00], 1.8 ENE TICE [39.99, -89.77], 3.9 SSW ATHENS [39.90, -89.77], 3.9 WSW TALLULA [39.96, -90.00], 1.8 ENE TICE [39.99, -89.77], 3.9 SSW ATHENS [39.90], -89.77], 3.9 WSW TALLULA [39.96], -90.00], 1.8 ENE TICE [39.99, -89.77], 3.9 SSW ATHENS [39.90], -89.77], 3.9 WSW TALLULA [39.96], -90.00], 1.8 ENE TICE [39.99, -89.77], 3.9 SSW ATHENS [39.90], -89.77], 3.9 WSW TALLULA [39.96], -90.00], 1.8 ENE TICE [39.99, -89.77], 3.9 SSW ATHENS [39.90], -89.77], 3.9 WSW TALLULA [39.96], -90.00], 1.8 ENE TICE [39.99, -89.77], 3.9 SSW ATHENS [39.90], -89.77], 3.9 WSW TALLULA [39.96], -90.00], 1.8 ENE TICE [39.99, -89.77], 3.9 SSW ATHENS [39.90], -89.77], 3.9 WSW TALLULA [39.96], -90.00], 1.8 ENE TICE [39.99], -90.77], 3.9 SSW ATHENS [39.90], -89	ASS COUNTY ARENZVILLE [39.87, -90.3	37]			
CASS COUNTY 2.1 S PHILADELPHIA [39.88, -90.12] 09/02/10 14-48 CST 0 Source: Mesonet CASS COUNTY 1.8 S VIRGINIA [39.92, -90.22], 5.3 S VIRGINIA [39.87, -90.23], 1.4 ESE ASHLAND [39.87, -99.99], 5.2 ENE GURNEY [39.96, -90.00] 09/02/10 15-30 CST 0 Flash Flood (due to Heavy Rain) 09/02/10 23-30 CST 0 Source: Mesonet Heavy rainfall rates of 2.00 to 2.50° per hour for nearly 90 minutes resulted in flash flooding across southern Cass County. Most rural roads were impassable due to the heavy rain. SANGAMON COUNTY 0.7 NW SOUTHLAWN [39.76, -88.61] 09/02/10 15-50 CST 09/02/10 16-45 CST 09/02/10 16-45 CST 09/02/10 16-47 CST 09/02/10 17-20 CST		09/02/10 14:20 CST		0	Hail (1.00 in)
OBJO2/10 14447 CST		09/02/10 14:21 CST		0	Source: Public
OBJO2/10 14447 CST	ASS COUNTY 2.1 S PHILADELPHIA [39.	89, -90.12]			
CASS COUNTY — 1.8 S VIRGINIA [39.92, -90.22], 5.3 S VIRGINIA [39.87, -90.23], 1.4 ESE ASHLAND [38.87, -89.99], 5.2 ENE GURNEY [39.96, -90.00] 08/02/10 [5:30 CST		09/02/10 14:47 CST		0	Hail (1.00 in)
General large frees were snapped near I-55 and Stevenson Drive. A tree was blown onto a house on East Lake Shore Drive. General large frees were snapped near I-55 and Stevenson Drive. A tree was blown onto a house on East Lake Shore Drive.		09/02/10 14:48 CST		0	Source: Mesonet
09/02/10 15:30 CST	ASS COUNTY 1 8 S VIRGINIA [39 92 -90	1 221 5 3 S VIRGINIA [39 87 -90	231 1 4 FSF ASH	AND [39 87 -89 9	91 5 2 ENE GURNEY [39 96 -90 00]
19/02/10 23:30 CST 0 Source: Mesonet	7.00 000NTT 1.00 VINGINIA [00.02, -00		20], 1.4 LOL AOIII	=	
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09/02/10 15.45 CST 30K Thunderstorm Wind (EG 52 kt) 09/02/10 15.50 CST 0 Source: Mesonet	-	or nearly 90 minutes resulted in fl	lash flooding acros	ss southern Cass C	County. Most rural roads were
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09/02/10 16:46 CST 0 Hail (0.75 in) 09/02/10 16:47 CST 0 Source: Trained Spotter MCLEAN COUNTY BLOOMINGTON [40.48, -88.98] 09/02/10 17:20 CST 0 Hail (0.75 in) 09/02/10 17:20 CST 0 Source: Trained Spotter MCLEAN COUNTY 1.3 E BLOOMINGTON [40.48, -88.96] 09/02/10 17:20 CST 50K Lightning 09/02/10 17:21 CST 0 Source: Newspaper A lightning strike occurred in the 300 block of St. Joseph Drive in Bloomington. The resulting fire caused approximately \$50,000 in damages to the roof of a physician's office building. MCLEAN COUNTY BLOOMINGTON [40.48, -88.98] 09/02/10 17:25 CST 25K Thunderstorm Wind (EG 52 kt) 09/02/10 17:25 CST 0 Source: Emergency Manager Numerous powerlines were blown down in the city of Bloomington. MCLEAN COUNTY 1.6 ENE BLOOMINGTON [40.49, -88.95] 09/02/10 17:23 CST 0 Hail (1.00 in)	-	or nearly 90 minutes resulted in fl	lash flooding acros	ss southern Menard	d County. Most rural roads were
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MCLEAN COUNTY BLOOMINGTON [40.48, -88.98] 09/02/10 17:20 CST 0 Hail (0.75 in) 09/02/10 17:20 CST 0 Source: Trained Spotter MCLEAN COUNTY 1.3 E BLOOMINGTON [40.48, -88.96] 09/02/10 17:20 CST 50K Lightning 09/02/10 17:21 CST 0 Source: Newspaper A lightning strike occurred in the 300 block of St. Joseph Drive in Bloomington. The resulting fire caused approximately \$50,000 in damages to the roof of a physician's office building. MCLEAN COUNTY BLOOMINGTON [40.48, -88.98] 09/02/10 17:20 CST 25K Thunderstorm Wind (EG 52 kt) 09/02/10 17:25 CST 0 Source: Emergency Manager Numerous powerlines were blown down in the city of Bloomington. MCLEAN COUNTY 1.6 ENE BLOOMINGTON [40.49, -88.95] 09/02/10 17:23 CST 0 Hail (1.00 in)					•
09/02/10 17:19 CST 0 Hail (0.75 in) 09/02/10 17:20 CST 0 Source: Trained Spotter MCLEAN COUNTY 1.3 E BLOOMINGTON [40.48, -88.96] 09/02/10 17:20 CST 50K Lightning 09/02/10 17:21 CST 0 Source: Newspaper A lightning strike occurred in the 300 block of St. Joseph Drive in Bloomington. The resulting fire caused approximately \$50,000 in damages to the roof of a physician's office building. MCLEAN COUNTY BLOOMINGTON [40.48, -88.98] 09/02/10 17:20 CST 25K Thunderstorm Wind (EG 52 kt) 09/02/10 17:25 CST 0 Source: Emergency Manager Numerous powerlines were blown down in the city of Bloomington. MCLEAN COUNTY 1.6 ENE BLOOMINGTON [40.49, -88.95] 09/02/10 17:23 CST 0 Hail (1.00 in)		09/02/10 16:47 CST		0	Source: Trained Spotter
MCLEAN COUNTY 1.3 E BLOOMINGTON [40.48, -88.96] 09/02/10 17:20 CST 09/02/10 17:21 CST A lightning strike occurred in the 300 block of St. Joseph Drive in Bloomington. The resulting fire caused approximately \$50,000 in damages to the roof of a obysician's office building. MCLEAN COUNTY BLOOMINGTON [40.48, -88.98] 09/02/10 17:20 CST 09/02/10 17:25 CST 0 Source: Trained Spotter 50K Lightning Source: Newspaper A lightning strike occurred in the 300 block of St. Joseph Drive in Bloomington. The resulting fire caused approximately \$50,000 in damages to the roof of a obysician's office building. MCLEAN COUNTY BLOOMINGTON [40.48, -88.98] 09/02/10 17:25 CST 0 Source: Emergency Manager MCLEAN COUNTY 1.6 ENE BLOOMINGTON [40.49, -88.95] 09/02/10 17:23 CST 0 Hail (1.00 in)	MCLEAN COUNTY BLOOMINGTON [40.48	3, -88.98]			
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09/02/10 17:20 CST 50K Lightning 09/02/10 17:21 CST 0 Source: Newspaper A lightning strike occurred in the 300 block of St. Joseph Drive in Bloomington. The resulting fire caused approximately \$50,000 in damages to the roof of a physician's office building. MCLEAN COUNTY BLOOMINGTON [40.48, -88.98] 09/02/10 17:20 CST 25K Thunderstorm Wind (EG 52 kt) 09/02/10 17:25 CST 0 Source: Emergency Manager Numerous powerlines were blown down in the city of Bloomington. MCLEAN COUNTY 1.6 ENE BLOOMINGTON [40.49, -88.95] 09/02/10 17:23 CST 0 Hail (1.00 in)		09/02/10 17:20 CST		0	Source: Trained Spotter
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Numerous powerlines were blown down in the city of Bloomington. MCLEAN COUNTY 1.6 ENE BLOOMINGTON [40.49, -88.95] 09/02/10 17:23 CST 0 Hail (1.00 in)		09/02/10 17:20 CST		25K	Thunderstorm Wind (EG 52 kt)
MCLEAN COUNTY 1.6 ENE BLOOMINGTON [40.49, -88.95] 09/02/10 17:23 CST 0 Hail (1.00 in)		09/02/10 17:25 CST		0	Source: Emergency Manager
09/02/10 17:23 CST 0 Hail (1.00 in)	lumerous powerlines were blown down in the	e city of Bloomington.			
· · · ·	MCLEAN COUNTY 1.6 ENE BLOOMINGTO	ON [40.49, -88.95]			
		09/02/10 17:23 CST		0	Hail (1.00 in)
09/02/10 17:24 CST 0 Source: Emergency Manager		09/02/10 17:24 CST		0	Source: Emergency Manager

CHRISTIAN COUNTY --- 1.8 S ILLIOPOLIS [39.82, -89.25], 2.4 N BOLIVIA [39.76, -89.34], 0.4 SE BOLIVIA [39.73, -89.34], 1.7 WNW OSBERNVILLE [39.76, -89.21], 4.3 N OSBERNVILLE [39.81, -89.18], 2.8 SSE ILLIOPOLIS [39.81, -89.23]

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Storm Data and Unusual Weather Phenomena - September 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	09/02/10 17:30 CST	-	0	Flash Flood (due to Heavy Rain)
	09/03/10 00:00 CST		0	Source: Law Enforcement
leavy rainfall rates of 2.00 to 2.50" per he town of Mount Auburn were impassal	<u>-</u>	ash flooding across	northern Christian	n County. Most rural roads in and near
SANGAMON COUNTY 4.5 WNW PLE		IE SALISBURY [39	.90, -89.77], 5.7 E	SE LANESVILLE [39.82, -89.25], 2.6 E
BUCKHART [39.75, -89.40], 6.0 SW PLE	09/02/10 17:30 CST		0	Flash Flood (due to Heavy Rain)
	09/03/10 00:00 CST		0	Source: COOP Observer
Heavy rainfall rates of 1.50 to 2.00" per h Springfield. Most roads and viaducts wer eastern parts of the county.				
MACON COUNTY ELWIN [39.78, -88.9	98]			
	09/02/10 18:05 CST		30K	Thunderstorm Wind (EG 52 kt)
	09/02/10 18:10 CST		0	Source: Emergency Manager
A tree was blown onto a house in Elwin.	In addition, numerous tree limbs and	powerlines were k	nocked down.	
MACON COUNTY 2.3 ENE KNIGHTS	=		0511	
	09/02/10 18:10 CST		25K	Thunderstorm Wind (EG 52 kt)
	09/02/10 18:15 CST		0	Source: Emergency Manager
Several tree tops were ripped off and pov	werlines were blown down in the Sout	th Shores area of D	ecatur.	
CHRISTIAN COUNTY 0.5 N KINCAID	=			
	09/02/10 18:15 CST		8K	Thunderstorm Wind (EG 52 kt)
	09/02/10 18:20 CST		0	Source: Emergency Manager
A tree was blown onto a house in Kincaio	d at the 300 block of West Elm Street.			
SANGAMON COUNTY 2.8 NNW LOW	/DER [39.59, -89.87], 2.9 NE PAWNE	E [39.61, -89.54], 0	5 SSW ZENOBIA	[39.52, -89.53], 2.1 SSW LOWDER
[39.52, -89.87]	09/02/10 19:30 CST		0	Flash Flood (due to Heavy Rain)
	09/03/10 02:00 CST		0	Source: Newspaper
Heavy rainfall rates of 2.00 per hour for a due to the heavy rain. Nearly three feet o				
CHRISTIAN COUNTY 2.6 NW SICILY -89.53]	[39.61, -89.54], 1.4 ENE ASSUMPTIO	ON [39.53, -89.02],	3.6 SE PANA [39.3	5, -89.03], 0.5 N HARVEL [39.36,
	09/02/10 20:30 CST		0	Flash Flood (due to Heavy Rain)
	09/03/10 04:00 CST		0	Source: COOP Observer
Heavy rainfall rates of 2.00 to 2.50" per hof Taylorville. Most roads were impassab the county from Assumption to Pana.	<u>-</u>	-		
COLES COUNTY 4.6 WSW COOKS N [39.56, -88.20]	NILLS [39.55, -88.47], 2.8 W ETNA [39	9.38, -88.47], 1.8 NI	NE CAMPBELL [3	9.42, -88.20], 2.1 SW FAIRGRANGE
	09/02/10 21:00 CST		0	Flash Flood (due to Heavy Rain)
	09/03/10 04:00 CST		0	Source: Mesonet
Heavy rainfall rates of 1.00 to 1.50" per h state highway 16 and 121 had nearly a fo Significant street flooding was also report	oot of water flowing over them, and m	ost rural roads in th	ne county were imp	passable due to the heavy rain.
MOULTRIE COUNTY 4.3 SW KIRKSV	· · · · · · · · · · · · · · · · · ·	_	39.51, -88.62], 3.1	SSE BRUCE [39.48, -88.59], 4.5 W
GAYS [39.45, -88.59], 1.6 E GAYS [39.45	5, -88.47], 1.8 NNE COLES [39.55, -88 09/02/10 21:00 CST	3.47]	0	Flash Flood (due to Heavy Rain)
	09/02/10 21:00 CST		0	riasiri ioou (due to riedvy Raili)

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Source: Law Enforcement

09/03/10 04:00 CST

Storm Data and Unusual Weather Phenomena - September 2010

Location Date/Time Deaths & Property & **Event Type and Details** Injuries Crop Dmg Heavy rainfall rates of 1.00 to 1.50" per hour for three hours during the late evening resulted in flash flooding across southern Moultrie County. Parts of state highway 16, 32 and 121 had nearly a foot of water flowing over them, and most rural roads in the county were impassable due to the heavy rain. SHELBY COUNTY --- 6.4 S MOWEAQUA [39.53, -89.02], 1.7 E FINDLAY [39.52, -88.72], 5.4 NNW WINDSOR [39.51, -88.62], 3.3 NNE WINDSOR [39.48, -88.59], 1.5 NNE WINDSOR [39.45, -88.59], 4.2 NE SEXSON CORNER [39.45, -88.47], 2.9 ESE SEXSON CORNER [39.38, -88.47], 3.7 SW TOWER HILL [39.35, -89.03] 09/02/10 21:00 CST 0 Flash Flood (due to Heavy Rain) 09/03/10 04:00 CST 0 Source: Law Enforcement Heavy rainfall rates of 1.00 to 1.50" per hour for three hours in the late evening resulted in flash flooding across the northern half of Shelby County. State highway 16 and 128 both had nearly a foot of flowing water, and most other rural roads were impassable due to the heavy rain. Thunderstorms developed along an outflow boundary across west-central Illinois during the afternoon of September 2nd into the early morning hours of September 3rd. A moderately unstable airmass and an approaching upper level disturbance resulted in a few severe thunderstorms with large hail and damaging wind gusts. In addition, locally heavy rainfall of between 2 and 5 inches was common with the storms, which produced areas of flash flooding. WOODFORD COUNTY --- EUREKA [40.72, -89.27] 09/21/10 14:15 CST 0 Hail (0.75 in) 09/21/10 14:16 CST 0 Source: Emergency Manager WOODFORD COUNTY --- EUREKA [40.72, -89.27] 0 09/21/10 14:15 CST Hail (0.88 in) 09/21/10 14:16 CST 0 Source: Law Enforcement WOODFORD COUNTY --- 0.7 SSW ROANOKE [40.79, -89.21] 09/21/10 14:25 CST 0.17M Thunderstorm Wind (EG 61 kt) 09/21/10 14:26 CST 0 Source: Emergency Manager Eight large 64,000 volt powerlines were blown down on the south edge of Roanoke, causing approximately \$170,000 in damages. As a result, the entire town lost power from 3:30 PM to around 7 AM the next day. WOODFORD COUNTY --- ROANOKE [40.80, -89.20] 09/21/10 14:25 CST 0 Hail (0.75 in) 09/21/10 14:26 CST 0 Source: Emergency Manager

A large cluster of showers and thunderstorms developed across lowa and northern Missouri in advance of a cold front during the afternoon of September 21st. Isolated thunderstorm cells developed ahead of the main area of convection across west-central Illinois, with many of them producing gusty winds and small hail. One storm produced a microburst with damaging winds in excess of 70 mph near Roanoke in Woodford County.

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